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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet 1 of 6

Application Number	10/623,395
Filing Date	7-18-2003
First Named Inventor	Hu, Michael Z.
Art Unit	
Examiner Name	
Attorney Docket Number	1066.0

Examiner Signature		Date Considered	8.24.2005
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
TK	4	MAHANDRIMANANA, A. et al., "Nonhydrolytic Sol-Gel Process: Aluminum and Zirconium Titanate Gels," 1997, p. 89-93, 8	—
TK	5	MAHANDRIMANANA, A. et al., "Non-hydrolytic Sol-Gel Process: Zirconium Titanate Gels," J. Mater. Chem., 1997, pp.279-284, 7(2)	—
TK	6	AZOUGH, F. et al., "The Relationship Between the Microstructure and Microwave...," J. Mater. Sci., 1996, p. 2539-2549, 31	—
DL	7	BATEMAN, C. et al., "CAD Representation of the Systems ZrO <sub>2</sub> -MgO-TiO <sub>2</sub> and...," Physica B, 1988, p. 122-128, 150	—
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TK	9	BIANCO, A. et al., "Zirconium Titanate Microwave Dielectrics Prepared via Polymeric Precursor Route," J. Eur. Cer. Soc., 1999, p. 959-963, 19	—
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TK	11	BHATTACHARYA, A. et al., "Inorganic Sol Gel Synthesis of Zirconium Titanate Fibres," J. Mater. Sci., 1996, p. 5583-5586, 31	—
TK	12	BHATTACHARYA, A. et al., "Sol Gel Preparation, Structure and Thermal Stability...," J. Mater. Sci., 1996, p. 267-271, 31	—
TK	13	BONHOMME-COURY, L. et al., "Preparation of Al <sub>2</sub> TiO <sub>5</sub> -ZrO <sub>2</sub> Mixed Powders via Sol-Gel Process, J. Sol Gel Sci. & Technol., 1994, p. 371-375, 2	—

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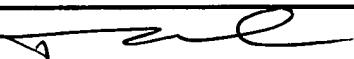
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TSK	14	CHEN, D. et al., "Hydrothermal Synthesis and Characterization of Crystalline ZrxTi1-xO4...", J. Mater. Sci. 1999, 1379-1383, 34	—
TSK	15	CERQUEIRA, M. et al., "Synthesis and Characterization of PLZT (9/65/35) by the Pechini Method and Partial Oxalate," Mater. Lett., 1998, 166-171, 35	—
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TSK	18	HIRANO, S. et al., "Chemical Processing and Microwave Characteristics...", J. Am. Ceram. Soc., 1991, 1320-24, 74	—
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TSK	20	HU, M. et al., "Wet-chemical Synthesis of Monodispersed Barium Titanate Particles...", J. Powder Technol., 2000, 2-14, 110	—
TSK	21	HU, M. et al., "Homogeneous (co)precipitation of Inorganic Salts for Synthesis...", J. Mater. Sci., 2000, 2927-2936, 35	—
TSK	22	IKAWA, H. et al., "X-ray Photoelectron Spectroscopy Study of High and Low-Temperature Forms...", J. Am. Ceram. Soc., 1991, 1459-62, 74	—
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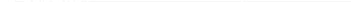
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		First Named Inventor	Hu, Michael Z.
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TSK	24	ISOBE, T. et al., "Mechanochemical Synthesis of ZrTiO <sub>4</sub> Precursor From Inhomogeneous Mixed Gels," Mater. Res. Soc. Symp. Proc., 1994, 273-77, 346	—
TSK	25	KARAKCHIEV, L. et al., "Low-Temperature Synthesis of Zirconium Titanate," Inorg. Mater., 2001, 386-390, 37	—
TSK	26	KHAIRULLA, F. et al., "Chemical Synthesis and Structural Evolution of Zirconium Titanate, Mater. Sci. Eng., 1992, 327-336, B12	—
TSK	27	KOMARNENI, S. et al., "Sol-Gel Processing of Some Electroceramic Powders," J. Sol-Gel Sci. Technolo., 1999, 263-270, 15	—
TSK	28	KREBS, M. et al., "A Raman Spectral Characterization of Various Crystalline Mixtures...," J. Mater. Sci. Lett., 1988, 1327-1330, 7	—
TSK	29	LEITE, E. et al., " Particle Growth During Calcination of Polycation Oxides Synthesized by the Polymeric Precursors Method," J. Am. Ceram. Soc. 1997, 2649-57, 80	—
TSK	30	LEONI, M. et al., "Aqueous Synthesis and Sintering of Zirconium Titanate Powders for Microwave Components," J. Eur. Ceram. Soc., 2001, 1739-41, 21	—
TSK	31	LESSING, P., "Mixed-Cation Oxide Powders via Polymeric Precursors," Ceram. Bull., 1989, 1002-06, 68(5)	—
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TSK	33	McHALE, A. et al., "Low-Temperature Phase Relationships in the System ZrO <sub>2</sub> -TiO <sub>2</sub> , J. Am. Ceram. Soc., 1986, 827-32, 69.	—

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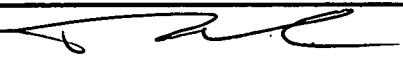
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TSK	36	NAVIO, J. et al., "Heterogeneous Photocatalytic Oxidation...," New Developments in Selective Oxidation II, 1994, 721-721, 82	—
TSK	37	NAVIO, J. et al., "Photocatalysed Oxidation...," Heterogeneous Catalysis and Fine Chemicals III, 1993, 431-437, 78	—
TSK	38	NAVIO, J. et al., "Formation of Zirconium Titanate Powder from a Sol-Gel Prepared Reactive Precursor," J. Mater. Sci., 1992a, 2463-2467, 27	—
TSK	39	NAVIO, J. et al., "On the Influence of Chemical Processing in the Crystallization...," J. Mater. Sci. Lett., 1992, 1570-1572, 11	—
TSK	40	NAVIO, J. et al., "Thermal Evolution of (Zr,Ti)O <sub>2</sub> Gels Synthesized at Different Basic pH," J. Therm. Anal., 1993, 1095-1102, 40	—
TSK	41	PARK, H. et al., "Effect of Solvent on Titania Particle Formation and Morphology in Thermal Hydrolysis of TiCl <sub>4</sub> ," J. Am. Ceram. Soc., 1997, 743-49, 80(3)	—
TSK	42	SANCHEZ, P. et al., "Thermal Evolution of TiO <sub>2</sub> -ZrO <sub>2</sub> Composites Prepared by Chemical Coating Processing," Mater. Lett., 1994, 339-344, 20	—
TSK	43	SEKAR, M. et al., "Hydrazine Carboxylate Precursors to Fine Particle...," Mat. Res. Bull., 1993, 485-492, 28	—

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TK	45	STUBICAR, M. et al., "Synthesis of ZrTiO <sub>4</sub> Powder from Equimolar ZrO <sub>2</sub> Powder Mixture by High Energy...," Metalurgija, 1999, 59-62, 38(2)	—
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TK	49	ZHANG, S. et al., "Effect of Composition on Sinterability...," J. Mater. Sci. Lett., 2001-1409-1411, 20	—
TK	50	BIANCO, A. et al., "Zirconium Tin Titanate Thin Films via Aqueous Polymeric Precursor Route," Mater. Sci. & Eng. C, 2001, 211-213, 15	—
TK	51	RENGAKUJI, S. et al., "Preparation and Hydrocarbon Sensing Properties of Ti-Zr-O Thin Films," Electrochemistry (Technical Paper), 2001	—
TK	52	STUBICAR, M. et al., "Microstructure Evolution of an Equimolar Powder Mixture of ZrO <sub>2</sub> -TiO <sub>2</sub> ...," J. Alloys and Compounds, 2001, 316-320, 316	—
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